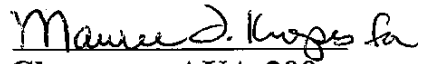
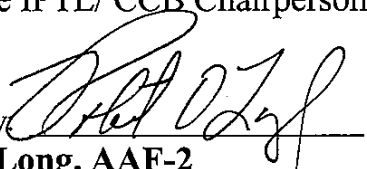


**CHARTER**  
**for the**  
**EN ROUTE**  
**INTEGRATED PRODUCT TEAM**  
**CONFIGURATION CONTROL BOARD**  
**in support of**  
**LIFE CYCLE MANAGEMENT**  
**of the**  
**NATIONAL AIRSPACE SYSTEM**

**Revision A**  
December 5, 2000

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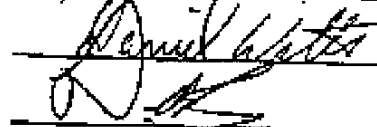
ORGANIZATION

SIGNATURE

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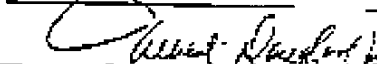
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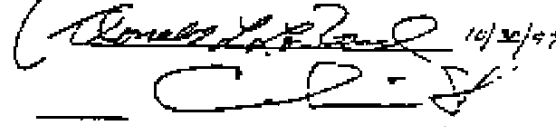
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ACT-200



ANS-110



ATO-100



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## 1.0. INTRODUCTION

### 1.1 Purpose

This charter establishes the En Route Integrated Product Team Configuration Control Board (ER IPT CCB) and assigns responsibility for establishing baselines and controlling changes to these baselines for the Configuration Items (CIs) identified in Appendix A. These baselines include software, hardware, firmware, Automatic Test Equipment (ATE), training devices and training curriculum. Life cycle Configuration Management (CM) through the ER IPT CCB will ensure that all changes are visible to the IPT and will provide consistent technical direction across all products within the IPT. Approval of this charter empowers the ER IPT CCB to approve all changes to the CIs listed in Appendix A. The Product Team Leads/Product Leads (PTL/PL's) who are under the purview of the ER CCB shall establish, document, and maintain a CM Program for their respective products. A companion document, the ER IPT CCB Operating Procedures, defines the detailed processes required to execute the responsibilities assigned in this charter.

### 1.2 Authority

The ER IPT CCB is established in accordance with Paragraph 2.9.7 of the FAA Acquisition Management System and FAA Order 1800.8, National Airspace System Configuration Management. This authority does not extend to the creation of lower level CCBs, which authority is reserved only to the NAS CCB.

## 2.0 EN ROUTE CCB RESPONSIBILITIES

The En Route CCB shall have the following responsibilities:

- A. Performing CCB functions as established in this charter.
- B. Maintaining and approving proposed changes to the En Route CCB Operating Procedure.
- C. Ensuring through Configuration Status Accounting (CSA) that all approved changes are completed.
- D. Establishing and maintaining the En Route domain functional and product baselines.
- E. Defining the En Route configuration item documentation and specifying which items comprise each En Route (product) subordinate baseline.

- F. Ensuring that specifications under the jurisdiction of the En Route CCB are approved in accordance with current version of FAA Order 1800.8.
- G. Processing changes in accordance with the configuration control procedures as described in the En Route CCB Operating Procedure.
- H. Ensuring that proposed changes with interface impact are coordinated with the responsible organizations.
- I. Reviewing, approving, disapproving, deferring, or elevating changes coming before the En Route CCB. In making decisions or recommendations regarding proposed changes, the En Route CCB shall give consideration to improving safety, operational effectiveness, providing for adequate logistics support, bringing about significant life-cycle cost savings, and affordability. The CCB must not approve proposed changes which are not funded.
- J. Documenting and tracking En Route CCB actions and decisions in accordance with the processes and procedures as defined in the En Route CCB Operating Procedure.
- K. Ensuring that NAS-MD-001 is kept updated to reflect the current status of the En Route CIs listed in Appendix.

### 3.0 EN ROUTE CCB PARTICIPANTS

The participants of the En Route CCB shall be the following individuals, or their designated representatives.

#### A. Permanent Members

- a. Chairpersons: Integrated Product Team Leader (IPTL) for En Route or their designated representatives.
- b. Executive Secretary: AUA-240 or designated representative.
- c. Permanent members include the following representatives designated by:
  - PTL/PL or designee for each product (AUA)
  - En Route IPT Lead for Air Traffic System Requirements (ARU)
  - Air Traffic Operations (ATO)
  - Operation Support Services (AOS)
  - NAS Transition and Implementation (ANS)
  - NAS Systems Architecture and Program Evaluation (ASD)
  - Air Traffic Control Engineering and Test Division (ACT)
  - FAA Logistics Center (AML)

- B. Ad Hoc Members, Technical Advisors, Consultants, and Program Control Specialists will be invited as required.

#### 4.0 EN ROUTE CCB RECOMMENDATIONS AND DECISIONS

The En Route CCB shall review, approve, disapprove, defer, or elevate proposed NCPs, Document Change Requests (DCRs), Engineering Change Proposals (ECPs), and Requests for Deviations and Waivers (RDWs). The En Route CCB Chairperson shall make the final decision based on complete consensus of all permanent members of the CCB. Given lack of consensus, the En Route CCB will elevate the decision to the NAS CCB.

Decision on NCPs will be documented in a Configuration Control Decision (CCD), prepared by the En Route CCB Secretariat, and signed by the CCB Chairperson.

NCPs, ECPs, Deviations, and Waivers may be approved, disapproved, or deferred until the next CCB. Action items will be documented and tracked.

En Route CCB decisions may be appealed by an organization impacted by the proposed change as outlined in the En Route CCB Operating Procedure.

#### 5.0 DELEGATION OF EN ROUTE CCB AUTHORITY

The En Route CCB Chairperson can authorize CCB members to act as a chairperson via memorandum to the CCB Secretariat. En Route CCB permanent members can delegate specific authority by a memorandum signed by a En Route CCB Chairperson. Additionally, when a time critical or urgent processing of a proposed change request is necessary, the En Route CCB Chairperson will call an emergency CCB meeting. If the chairperson is unable to convene an emergency meeting, then the Chairperson may approve or disapprove changes without benefit of a En Route CCB meeting. All change requests processed outside the normal CCB process shall be documented and communicated to permanent members as soon as practicable, or at the next regularly scheduled meeting. Questions and concerns regarding CCB decisions are addressed to the CCB Secretariat and will be presented to the En Route CCB Chairperson.

## APPENDIX A

### En Route Integrated Product Team Configuration Items (CIs)

The CIs listed below are under the control of the En Route CCB. Currently, these CIs reflect the primary products, which will comprise the modernized En Route system. As these CIs, which includes hardware, software, and documentation, or components thereof, are placed under configuration control, they will be entered into the Master Configuration Index and contained in the NAS Subsystem Baseline Configuration and Documentation Listing, NAS-MD-001.

1. Central computer Complex Host (CCCH)
2. Controller - Pilot Data Link Communications (CPDLC)
3. En Route Operation Computer Program (CPF)
4. En Route non-operational Support Computer Program (CPN)
5. En Route Maintenance Computer Program (CPM)
6. Coded Time Source Subsystem (CTS)
7. Display System Replacement (DSR)
8. Direct Access Radar Channel (DARC)
9. En Route Communications Gateway (ECG)
10. Enhance Direct Access Radar Channel (EDARC)
11. Flight Data Input / Output (FDIO)
12. Flight Data Input / Output (FDIO) Replacement
13. Flight Strip Printer (FSP)
14. GENASYS 2.02
15. Host Interface Device (HID)/NAS Local Area Network (LAN)(HNL)
16. Medium Speed Printer Subsystem/Maintenance System Printer (MSP)
17. Peripheral Adapter Module Replacement Item (PAMRI)
18. Tower Data Link Services (TDLS)
19. Transportable Radar Analysis Computer System (TRACS)
20. User Requested Evaluation Tool Core Capability Limited Deployment (URET CCLD)